



IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Nakajima & Nagasawa Conf.: 4838  
Appl. No.: 09/697,719 Group: 1638  
Filed: October 27, 2000 Examiner: D.H. Kruse  
For: METHOD FOR GIVING RESISTANCE TO WEED  
CONTROL COMPOUNDS TO PLANTS

LARGE ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents  
Washington, DC 20231

May 10, 2002

Sir:

Transmitted herewith is an amendment in the above-identified application.

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The fee has been calculated as shown below:

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TOTAL	79	-	79	=	0	\$ 18	\$0.00
INDEPENDENT	3	-	3	=	0	\$ 80	\$0.00
___ FIRST PRESENTATION OF A MULTIPLE CLAIM						\$270	\$0.00
						TOTAL	\$0.00

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- ☐ Petition for ( ) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.
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If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,  
BIRCH, STEWART, KOLASCH & BIRCH, LLP

By *Hurst & Rupert # 45,702*  
*for* Gerald M. Murphy, Jr., Reg. No. 28,977

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Appl. No.: 09/697,719      Group: 1638  
Filed: October 27, 2000      Examiner: D.H. Kruse  
For: METHOD FOR GIVING RESISTANCE TO WEED CONTROL  
COMPOUNDS TO PLANTS

AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

May 10, 2002

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed April 11, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE SPECIFICATION:

Please replace the paragraph beginning on page 81, line 23, with the following rewritten paragraph:

--The inactive-type PPO is its variant having no capability of oxidizing protoporphyrinogen IX and having a specific affinity for protoporphyrinogen IX, and specific examples thereof include a PPO variant in which a region presumed to be FAD binding site of PPO (a region having the amino acid sequence GXGXXG (SEQ ID NO:77), wherein X is any amino acid, e.g., a region comprising the 63<sup>rd</sup> to 68<sup>th</sup> amino acids from the N-terminus of chloroplast localized PPO of mouse-ear cress (*Arabis thaliana*) and having the amino acid

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